

Claims

1. A composition characterized by comprising:
one or a plurality of species of organic polymer compound
5 having biodegradability, a flame retardant additive, and a
hydrolysis inhibitor for the organic polymer compound having
biodegradability.
2. The composition according to Claim 1, characterized in
10 that:
the organic polymer compound having biodegradability is
either a polysaccharide, an aliphatic polyester, a polyamino
acid, polyvinyl alcohol, a polyalkylene glycol, or a copolymer
comprising at least one of the compounds.
15
3. The composition according to Claim 1, characterized in
that:
the aliphatic polyester is either polylactic acid,
polycaprolactone, polyhydroxybutyric acid,
20 polyhydroxyvaleric acid, polyethylene succinate,
polybutylene succinate, polybutylene adipate, polymalic acid,
a microbiologically synthesized polyester, or a copolymer
comprising at least one of the compounds.
- 25 4. The composition according to Claim 1, characterized in
that:
the flame retardant additive is at least one compound
selected from a hydroxide compound, a phosphorus compound,
and a silica compound.
30
5. The composition according to Claim 4, characterized in

that:

the flame retardant additive is a hydroxide compound having a purity of 99.5% or more.

- 5 6. The composition according to Claim 4, characterized in that:

the flame retardant additive is a particulate hydroxide compound having a BET specific surface area of 5.0 m²/g or less.

10

7. The composition according to Claim 4, characterized in that:

the flame retardant additive is a particulate hydroxide compound having an average particle size of 100 μm or less.

15

8. The composition according to Claim 4, characterized in that:

the flame retardant additive is a silica compound having a silicon dioxide content of 50% or more.

20

9. The composition according to Claim 4, characterized in that:

the flame retardant additive is a particulate silica compound having an average particle size of 50 μm or less.

25

10. The composition according to Claim 1, characterized in that:

the hydrolysis inhibitor is at least one species of compound selected from a carbodiimide compound, an isocyanate compound, and an oxazoline compound.

30

11. A method for producing the composition according to Claim
1, characterized by mixing one or more species of organic
polymer compound having biodegradability, a flame retardant
additive, and a hydrolysis inhibitor for the organic polymer
5 compound having biodegradability.

12. A shaped article comprising the composition according
to Claim 1.

10 13. The shaped article according to Claim 12, characterized
in that:
the shaped article is a housing for electrical appliance.

14. An electrical appliance comprising a part including the
15 composition according to Claim 1 as a constituent.